Applies To: **1994–00 Accord** – ALL with M/T
1992–01 Prelude – ALL with M/T

August 7, 2001

Fifth Gear Grinds During Upshift

(Replaces 95-057, dated October 17, 2000)

SYMPTOM

The transmission grinds when you shift into 5th gear.

PROBABLE CAUSE

Misalignment from the 5th shift fork.

CORRECTIVE ACTION

Replace 5th gear, the sleeve set, and the 5th shift fork.

PARTS INFORMATION

1994–97 Accord
5th Gear: P/N 23581-PX5-A41, H/C 3858677
Sleeve Set: P/N 23626-PX5-307, H/C 4921607
5th Shift Fork: P/N 24200-P16-J02, H/C 6309942

1998–00 Accord
5th Gear: P/N 23581-PX5-A41, H/C 3858677
Sleeve Set: P/N 23626-P0S-306, H/C 5614011
5th Shift Fork: P/N 24200-P16-J02, H/C 6309942

1992–96 Prelude S
5th Gear: P/N 23581-PX5-U41, H/C 3858693
Sleeve Set: P/N 23626-P16-307, H/C 6831465
5th Shift Fork: P/N 24200-P16-J02, H/C 6309942

1992–96 Prelude Si, 1992–94 Prelude 4WS
5th Gear: P/N 23581-P16-S40, H/C 3940061
Sleeve Set: P/N 23626-P16-307, H/C 6831465
5th Shift Fork: P/N 24200-P16-J02, H/C 6309942

1993–96 Prelude VTEC
5th Gear: P/N 23581-P16-A00, H/C 4113700
Sleeve Set: P/N 23626-P16-307, H/C 6831465
5th Shift Fork: P/N 24200-P16-020, H/C 6309959

1997–01 Prelude, 1997-01 Prelude Type SH
5th Gear: P/N 23581-P16-S40, H/C 3940061
Sleeve Set: P/N 23626-P16-307, H/C 6831465
5th Shift Fork: P/N 24200-P16-020, H/C 6309959

REQUIRED MATERIALS

Honda Manual Transmission Fluid:
P/N 08798-9016, H/C 4928271
1994–00 Accord, 1992–01 Prelude - 2 quarts required
1997–01 Prelude Type SH - 2.2 quarts required

REQUIRED SPECIAL TOOLS

Bearing Separator: T/N OTC-1123

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

OP#	Description		
	Replace 5th gear, sleeve set, and 5th shift fork		
	Model	**FRT**	**Template ID**
213205	1998–00 Accord	8.0	01-070A
	1994–97 Accord	7.4	01-070B
	1992–96 Prelude S	7.4	01-070C
	1992–96 Prelude Si, 1992–94 Prelude 4WS	7.4	01-070D
	1993–96 Prelude VTEC	7.4	01-070E
	1997–01 Prelude	7.4	01-070F
G	1997–01 Prelude Type SH With ATTS add	7.4 2.5	01-070G

Failed Part: P/N 23626-P16-306
H/C 5200852
Defect Code: 042
Contention Code: B07
Skill Level: Repair Technician

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

REPAIR PROCEDURE

1. Remove the transmission from the vehicle (see the Manual Transmission section of the appropriate service manual).
2. Disassemble the transmission (see the Manual Transmission section of the appropriate service manual). You do *not* need to disassemble the differential.
3. Remove any metal particles from the transmission's internal parts and from the inside of the case.

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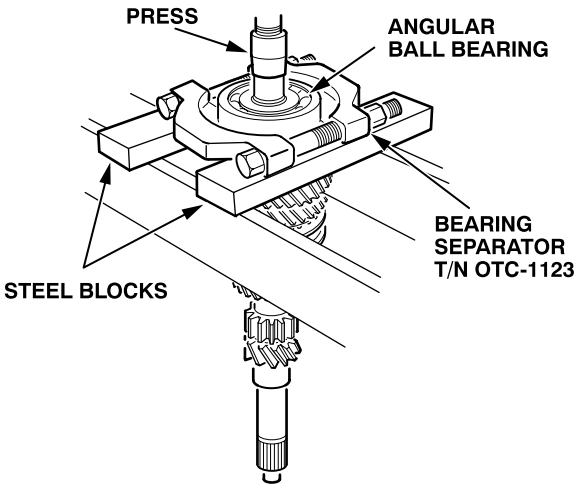
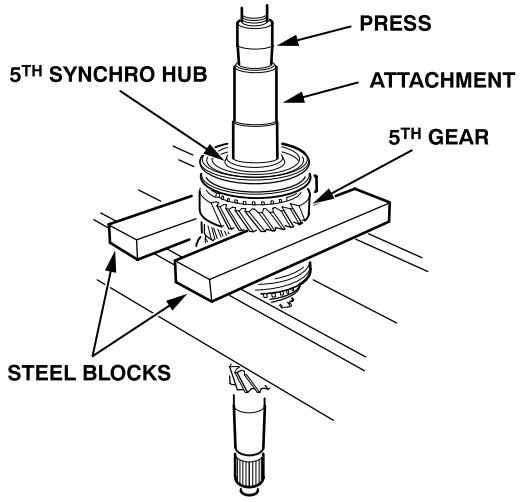
Skill Level
R
REPAIR

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

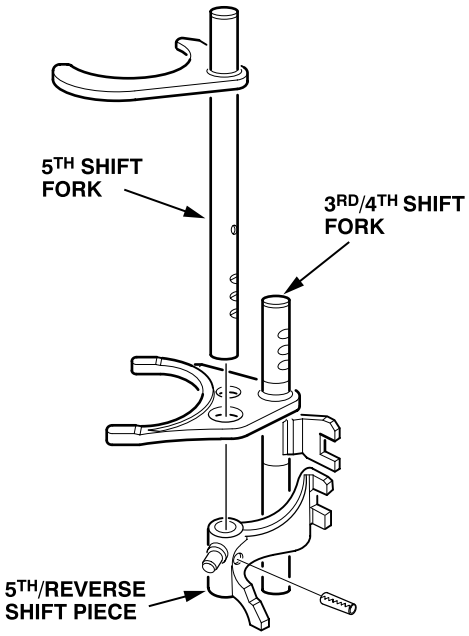
4. Remove the angular ball bearing from the mainshaft using the special tool and a press.



5. Press the mainshaft out of the 5th synchro hub.



6. Install the new 5th gear on the mainshaft.
7. Install the new sleeve set (synchro ring, hub, and sleeve) on the mainshaft.
8. Reassemble the rest of the removed parts on the mainshaft. Refer to the appropriate service manual for the correct reassembly procedure.
9. Replace the 5th shift fork.



10. Reassemble the transmission.
11. Reinstall the transmission.
12. Refill the transmission with Honda MTF.
13. Test-drive the vehicle to make sure the transmission shifts properly.